

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Jivko JELEV, et al.

Serial No.: 10/552,637

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Examiner: N/A

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For: METHOD AND DEVICE FOR EVALUATION OF BIO-PSYCHO-PHYSICAL  
INFLUENCE OF RADIO, TELEVISION AND MEDIA PRODUCTS UPON  
HUMANS

Attorney Docket No.: U 015965-5

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**REPLY TO REQUIREMENT FOR INFORMATION AND  
INFORMATION DISCLOSURE STATEMENT**

The courtesy of Examiners Eliza Squires and Neal Sereboff in discussing this application with the undersigned by telephone on 5 April 2010 is noted with appreciation. In the discussion, the examiners requested that Applicants furnish an explanation as to how the invention works. Applicants are treating this request as a requirement under 37 CFR 1.105 and provide the explanation below. Nevertheless, at the outset, Applicants provide the

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**CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.8a)**

I hereby certify that this correspondence is, on the date shown below, being:

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- ☐ deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450

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the following disclaimer: Applicants maintain that the specification in this matter would have enabled one of skill in the art to practice the claimed invention without undue experimentation as of the application filing date, and the furnishing of the explanation should not be construed as an admission that any description of the invention other than that provided in the application as filed is in fact necessary to enable practice thereof.

The claimed method is based on the discovery that the intramolecular bonds of water assume different energy levels as a result of exposure of the water to different magnetic, acoustic, mechanical and electrical influences. One can measure the intramolecular bonds before and after any such influence and, by comparing the before and after measurements, provide a quantitative measurement of the influence. Moreover, Applicants discovered that energy fluctuations in the intramolecular bonds in water can be caused by human bio/psycho/physical influences. For example, Fig. 1 below shows two (2) curves: (1) Curve 1 (Y1) shows the energy spectrum of water in a bottle that is held by a test person (V.T.) who is in a relaxed state; and (2) Curve 2 (Y2) shows the change in the energy spectrum of the water when the test person is listening to classical music (Mozart).

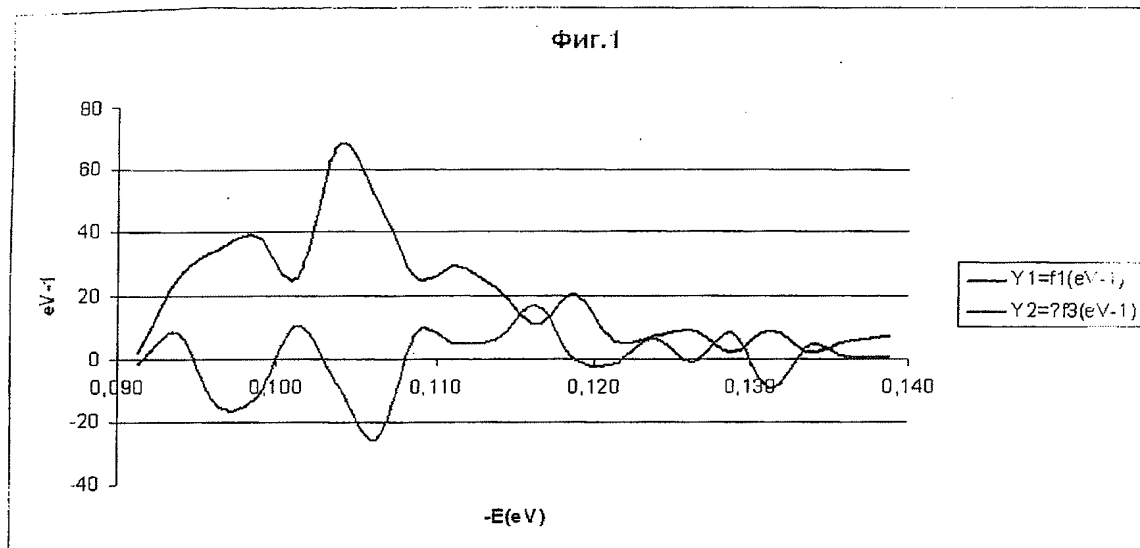


Fig. 1. Energy spectrum of water influenced by classical music (Mozart), through the biophysical field from the hands of a test person (V.T.) who listens to the music holding in hands a small bottle of water.

Curve 1 (Y1) - control sample - V.T., in a relaxed state without any music, holds in hands a bottle of water.

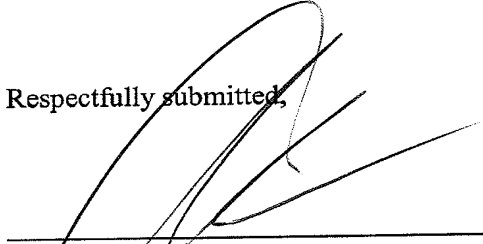
Curve 2 (Y2) - change in the water energy spectrum when listening to music.

Transformation in the energy of water  $\Delta E = 1,5 \cdot 10^{-3} \text{ eV}$  (slight stimulating effect). Correlation coefficient  $r(\Delta f_3, f_1) = -0,50$  ( $P < 0,05$ ).

In short, one can determine the energy spectrum of the intramolecular bonds of water that is held in the hands of a human subject both before and after exposing the human subject to a stimulus and ascertain the difference in the energy spectrums. Thus, by exposing the human subject to different stimuli, such as radio, TV and other media products, it is possible to determine and to register the influence that such stimuli have on the human subject by measuring a change in the energy spectrum of the water.

The principles upon which the invention is based are described in an article entitled: "New Technology for recording the information based on intramolecular bonds in water", which was presented by the Applicants at the IEEE International Spring Seminar, Sofia-Bulgaria, May 13-16, 2004. The article is listed on the attached PTO Form 1449 and a copy of the article is attached.

Respectfully submitted,



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